

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY	
Date of Filing in State Engineer's Office	JUN 27 2016
Returned to applicant for correction	
Corrected Application filed	JUN 27 2016
Map filed	

The applicant William F. Heckman and Andrea S. Heckman
212 E. Washington St. of Carson City
Street Address or P.O. Box City or Town
NV 89703 hereby make(s) application for permission to appropriate the
State and ZIP Code
 public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of
 incorporation; if a copartnership or association, give names of members.)

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- The source of water is Underground
Name of the stream, lake, underground, spring or other sources.
- The amount of water applied for is 0.51 cf.s., Not to Exceed 182.96 Acre-feet
One second foot equals 448.83 gallons per minute.
 - If stored in a reservoir give the number of acre-feet _____
- The water is to be used for Irrigation
Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
- If use is for:
 - Irrigation, state number of acres to be irrigated 91.48 acres
 - Stockwater, state number and kind of animals _____
 - Other use (describe fully in No. 12) _____
 - Power:
 - Horsepower developed _____
 - Point of return of water to stream _____

Long Valley
 1-9
 Wa

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NW 1/4 NE 1/4 of Section 4, T. 44 N., R. 19 E., M.D.B.&M., or at a point from which the NE corner of Section 33, T. 45 N., R. 19 E., bears N. 13° 32' 31.20" E., a distance of 5,886.7 feet. (Please see accompanying map)

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

91.48 acres within portions of the SE1/4 SW1/4 and SW1/4 SE1/4 of Section 33, T. 45 N., R. 19 E., M.D.B.&M., and portions of the NW1/4 NE1/4 of Section 4, T. 44 N., R. 19 E., M.D.B.&M. (Please see accompanying map)

7. Use will begin about January 1st and end about December 31st of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Installation of Well, Pump, Motor, and distribution system.

9. Estimated cost of works: \$60,000.00

10. Estimated time required to construct works: 3 Years

(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 5 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Pasture (Meadow) Grass is to be grown within the proposed Place of Use. A single well is to provide water for irrigation of grass. Requesting a 2.0 AF/Acre duty for Pasture (Meadow) Grass. Livestock to graze on pasture once grass has been established.

13. Miscellaneous remarks:

Please see Attached Sheet.

chris@stankaconsulting.com

E-mail Address

775-885-9283

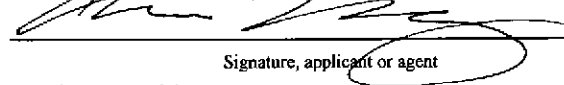
Phone No.

Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.

Type or print name clearly



Signature, applicant or agent

Stanka Consulting, LTD

Company Name

3032 Silver Sage Drive, STE 101

Street Address or PO Box

Carson City, NV 89701

City, State, ZIP Code

13. Miscellaneous Remarks

Place of Use is located on APNs 061-241-03 and 061-241-01, both of which are owned by the Applicants. Review of NDWR Hydrographic Abstract suggests that Long Valley may be near full appropriation; however, previous discussions between Applicant and NDWR Staff (as well as review of recent aeriels) suggest that Long Valley is substantially under-pumped, and additional groundwater is available for Beneficial Use.

The Applicant is requesting 2.0 AF/Acre Duty for the irrigation of 91.48 Acres within the proposed place of use for Meadow (Pasture) Grass. Pasture to be irrigated approximately 180 days during the year; however, requested time of use is January 1st through December 31st so that user is not limited to when those 180 days of pumping can or cannot be used. Requested 0.51 c.f.s. was calculated using $182.96 \text{ AF}/180 \text{ days of pumping} * 0.50416 \text{ CFS}/\text{AF}/\text{DAY} = 0.51 \text{ c.f.s.}$

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